INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/04748

A. CLASSIFICATION OF SUBJECT MATTER				
IPC(7) : F25B 9/00; F16K 39/00, 5/00 US CL : 62/6; 251/283, 314				
According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols) U.S.: 62/6; 251/283, 314				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched None				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) None				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where	appropriate	, of the relevant passages	Relevant to claim No.
Y	US 5,878,580 A (SCHILLING et al) 09 March 19	99 (09.03.1	1999), see entire document	1-11
Y	especially figures. US 6,434,947 B2 (Zhu et al) 20 August 2002 (20.08.2002), see entire document.			1-11
Y	US 5,974,807 A (GAO et al) 02 November 1999 (02.11.1999), see entire document.			1,2 and 4-11
A	US 6,460,349 B1 (KAWANO et al) 08 October 2002 (08.10.2002), see entire document.			1-11
A	US 2003/0089116 A1 (HERON) 15 May 2003 (15.05.2003), see entire document.			1-11
A	US 5,711,156 A (MATSUI et al) 27 January 1998 (27.01.1998), see entire document.			1-11
Α	US 6,378,312 B1 (WANG) 30 April 2002 (30.04.2002), see entire docuement.			1-11
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	documents are listed in the continuation of Box C.		See patent family annex.	
Special categories of cited documents:			later document published after the inter-	national filing date or priority
"A" document defining the general state of the art which is not considered to be of particular relevance			date and not in conflict with the application but cited to understand the principle or theory underlying the invention	
"B" earlier application or patent published on or after the international filing date		"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	
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P [*] document published prior to the international filing date but later than the priority date claimed		*&*	document member of the same patent fa	amily
Date of the actual completion of the international search		Date of n	nailing of the international search	ch report
.6 May 2005 (16.05.2005)		67/	JUN 2000	
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